

# ELECTRIC GUITAR

# AEX520

## SERVICE MANUAL



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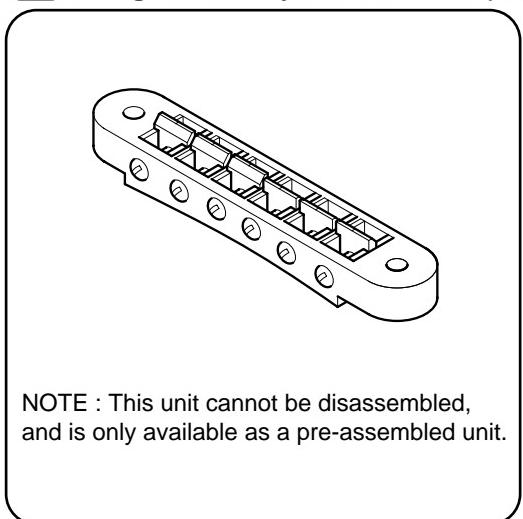
 **YAMAHA**

HAMAMATSU, JAPAN

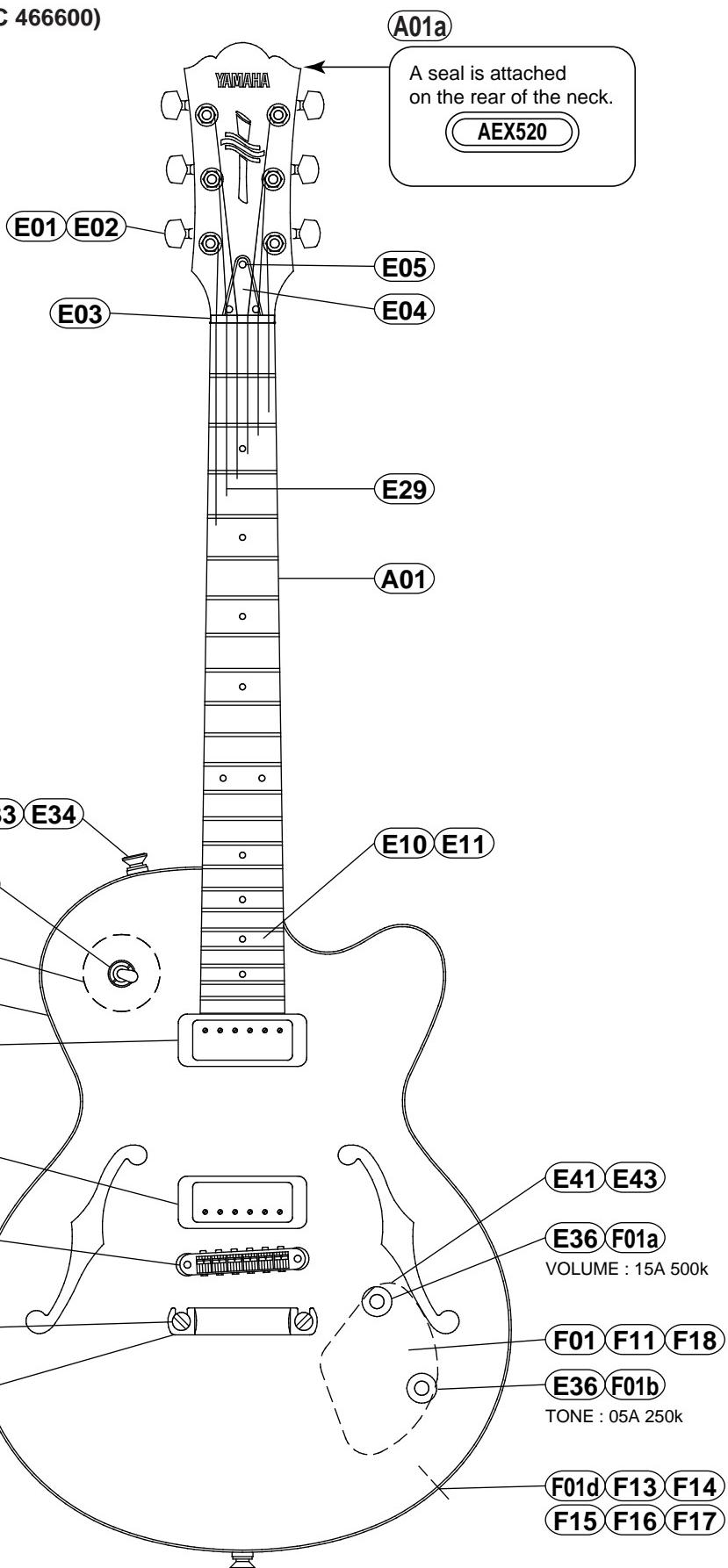
1.25K-901  Printed in Japan '98.11

## ■ OVERALL ASSEMBLY

(E16) Bridge Assembly : TP6-3 GOLD (QC 466600)



NOTE : This unit cannot be disassembled, and is only available as a pre-assembled unit.



## ■ PARTS LIST

REF NO.	PART NO.	DESCRIPTION		REMARKS	QTY	RANK
* A01 A01a	DX809770 ---	OVERALL ASSEMBLY Neck Assembly Seal		AEX520 (QC45770)		
D01	---	Body				
E01 E02 E03 E04 E05 E10 E11 E16 E17 E18 E19 E20 E21 E29	QA170800 03704070 VQ014700 VQ011800 03706220 QC205200 EN240070 QC466600 QC466700 QC466800 QC466900 QC467000 QC467100 ---	Tuning Machine Assembly Round Head Wood Screw Nut Rod Cover Oval Head Wood Screw Neck Joint Bushing Oval Head Tapping Screw Bridge Assembly Bridge Adjusting Screw Nut Tailpiece Assembly Tailpiece Column Nut Strings	RM-1271GVR 2.4X10 GOLD (GL) 43mm (Ivory) BL 2.1X10 FCM3BL (BL) BL 5.0X45 FCM3BL (BL) TP6-3 (GOLD) TP6-3S (GOLD) TP6-3B (GOLD) TP6-1 (GOLD) TP6-1S (GOLD) TP6-1B (GOLD) XL-115	1set	6 02 02	
E32 E33 E34 * E36 E41 E42 E43	BB802460 EN230130 VB793700 QC476800 VD955600 CB023450 EB620020	Strap Button Oval Head Wood Screw Spacer Knob Back Cover Back Cover Oval Head Wood Screw	GOLD 3.0X25 GOLD (GL) BL GOLD Electrical (BL) Switch (BL) 2.7X13 FCM3BL (BL)	1set VOLUME,TONE	2 2 2 2 2 2 7	02 02 01 03
F01 F01a F01b F01c F01d F03 F06 F11 F13 F14 F15 F16 F17 F18	— HS120070 HS120100 UA114220 QC234900 QA025000 VA295700 ET800010 VB518300 EB620020 LX200020 LX200010 ET800180 EA620060	Electrical Unit Variable Resistor Variable Resistor Mylar Cap. Jack Pickup Switch Washer Toothed Lock Washer Jack Panel Oval Head Wood Screw Hexagonal Nut Flat Washer Toothed Lock Washer Round Head Wood Screw	15A 500K ohm 05A 250K ohm 0.022uF 50 K 3-P GOLD BL A12S BL 2.7X13 FCM3BL (BL) 9S FCM33G 9S FCM3BL A9S FNM33G 2.7X13 FCM33G (CR)	VOLUME TONE		(QC47840)
* G01 * G01a G03 G04 * G10 * G10a G11 G12	QC477700 QC473800 VJ388800 CB817760 QC477700 QC473800 CB817760 VJ388800	Pickup Assembly Pickup Escutcheon Round Head Wood Screw Pickup Cushion Pickup Assembly Pickup Escutcheon Pickup Cushion Round Head Wood Screw	Ivory 2.6X35 FCM3BL (BL)	Front	2	05
H01	QC354400	Accessory Unit (G-5)		1set		08
*	QC466600	Bridge Assembly	TP6-3 (GOLD)			

\* New Parts

RANK:Japan only

### WARNING: CHEMICAL CONTENT NOTICE!

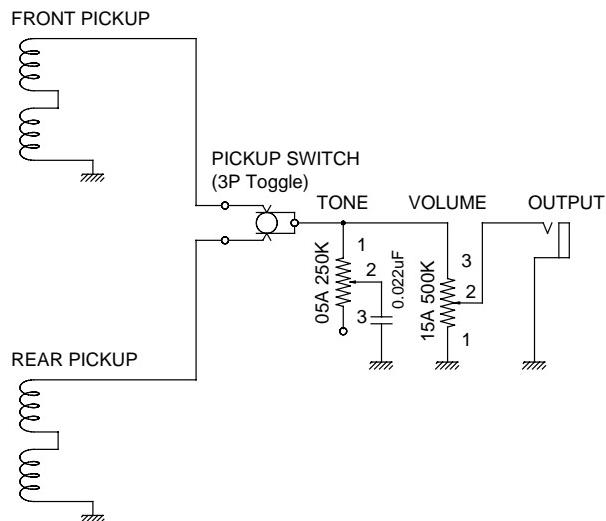
The solder used in the production of this product contains LEAD. In addition, other electrical/electronic and/or plastic (where applicable) components may also contain traces of chemicals found by the California Health and Welfare Agency (and possibly other entities) to cause cancer and/or birth defects or other reproductive harm.

DO NOT PLACE SOLDER, ELECTRICAL/ELECTRONIC OR PLASTIC COMPONENTS IN YOUR MOUTH FOR ANY REASON WHAT SO EVER!

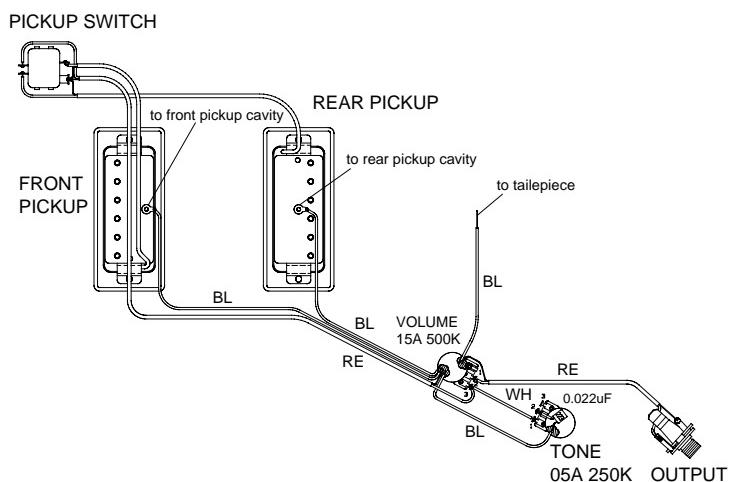
Avoid prolonged, unprotected contact between solder and your skin! When soldering, do not inhale solder fumes or expose eyes to solder/flux vapor!

If you come in contact with solder or components located inside the enclosure of this product, wash your hands before handling food.

## ■ CIRCUIT DIAGRAM



## ■ WIRING



## ■ SPECIFICATIONS

### ● STANDARD SPECIFICATIONS

Scale Length ..... 628.6mm  
 Body-Neck Construction ..... Bolt On  
 Length ..... 979.0mm  
 Width ..... 360.0mm  
 Net Weight ..... 3.0kg

### ● COLOR

Body  
 BL ..... Black  
 OST-WB ..... Orange Satin  
 BS-WB ..... Brown Sunburst

Neck  
 BL ..... Black

### ● BODY

Material ..... Alder, Spruce, Sycamore  
 Body Depth ..... 47.0mm

### ● FINGERBOARD

Material ..... Rosewood  
 Fingerboard Width ..... 0-F 43.0 mm, 12-F 52.3 mm  
 No. of Frets ..... 22

### ● NECK

Material ..... Maple  
 Neck Thickness ..... 1-F 20.9 mm, 12-F 23.1 mm

### ● PARTS

Hardware ..... Gold Plated  
 Nut ..... Urea  
 Bridge ..... TP6-3: Gold  
 Strings ..... XL-115

### ● CONTROLS

Volume ..... 15A 500k ohm x 1  
 Tone ..... 05A 250k ohm x 1  
 Pickup Switch ..... Toggle switch: Gold  
 (3 position)

### ● PICKUPS

Front/ Rear ..... Small Humbucking  
 Magnet ..... Alnico  
 Front/Rear ..... Alnico